

**AMENDMENTS TO THE SPECIFICATION**

**Please amend the specification as follows. Insertions are shown underlined while deletions are ~~struck through~~.**

The paragraph beginning at page 1, line 11:

In the past, optimal values of a characteristic of a control module (namely, parameter values for deciding input-output relationship of the control module) to control a controlled system were determined by experiment at the ~~stage~~time of ~~designing~~ or ~~adjusting~~ settings before shipment, ~~so that~~assuming users of a product comprising ~~a~~the controlled system ~~were assumed~~ and, ~~so that~~ the users' characteristics (preference, technique, personality, and use) could be met.

The paragraph beginning at page 1, line 16:

However, with the diversity and advancement of recent technology, the conventional method of deciding optimal values of a characteristic of the control module by experiment ~~brings about~~becomes difficulty ~~for~~to ~~optimize~~ing the control module, and requires a lot of time.

The paragraph beginning at page 1, line 29:

In the method that has been proposed ~~formerly~~, the machine is actually operated with the respective chromosomes that are produced initially and the user evaluates the respective operations to select out undesirable chromosomes (individuals). Characteristics that fit to the user can be obtained in this method. In the above evolutionary computing, individuals of one generation are created, the individuals of the generation are screened to select and leave parent individuals, a group of individuals of the next generation ~~are~~is created by performing ~~calculation of crossing~~crossover or mutation using the parent individuals, and individuals of higher suitability are obtained by repeating the above operation. See United States Patent Nos. 6,032,139 and 6,021,369, for example.